

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/595,930
Source: TFW0
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/595,930

DATE: 03/07/2007

TIME: 09:25:52

Input Set : A:\sequence listing 237377.txt

Output Set: N:\CRF4\03072007\J595930.raw

3 <110> APPLICANT: Evotec NeuroSciences GmbH
 5 <120> TITLE OF INVENTION: Diagnostic and therapeutic use of the human SGPL1 gene
 6 and protein for neurodegenerative diseases
 8 <130> FILE REFERENCE: 042347wo Me/FM
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/595,930
C--> 11 <141> CURRENT FILING DATE: 2006-05-19
 13 <160> NUMBER OF SEQ ID NOS: 15
 15 <170> SOFTWARE: PatentIn Ver. 2.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 568
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Homo sapiens
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 29 His Cys Thr Lys Tyr Glu Pro Trp Gln Leu Ile Ala Trp Ser Val Val
 30 35 40 45
 32 Trp Thr Leu Leu Ile Val Trp Gly Tyr Glu Phe Val Phe Gln Pro Glu
 33 50 55 60
 35 Ser Leu Trp Ser Arg Phe Lys Lys Cys Phe Lys Leu Thr Arg Lys
 36 65 70 75 80
 38 Met Pro Ile Ile Gly Arg Lys Ile Gln Asp Lys Leu Asn Lys Thr Lys
 39 85 90 95
 41 Asp Asp Ile Ser Lys Asn Met Ser Phe Leu Lys Val Asp Lys Glu Tyr
 42 100 105 110
 44 Val Lys Ala Leu Pro Ser Gln Gly Leu Ser Ser Ala Val Leu Glu
 45 115 120 125
 47 Lys Leu Lys Glu Tyr Ser Ser Met Asp Ala Phe Trp Gln Glu Gly Arg
 48 130 135 140
 50 Ala Ser Gly Thr Val Tyr Ser Gly Glu Glu Lys Leu Thr Glu Leu Leu
 51 145 150 155 160
 53 Val Lys Ala Tyr Gly Asp Phe Ala Trp Ser Asn Pro Leu His Pro Asp
 54 165 170 175
 56 Ile Phe Pro Gly Leu Arg Lys Ile Glu Ala Glu Ile Val Arg Ile Ala
 57 180 185 190
 59 Cys Ser Leu Phe Asn Gly Gly Pro Asp Ser Cys Gly Cys Val Thr Ser
 60 195 200 205
 62 Gly Gly Thr Glu Ser Ile Leu Met Ala Cys Lys Ala Tyr Arg Asp Leu
 63 210 215 220
 65 Ala Phe Glu Lys Gly Ile Lys Thr Pro Glu Ile Val Ala Pro Gln Ser
 66 225 230 235 240

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 69 245 250 255
 71 Val Arg Val Pro Leu Thr Lys Met Met Glu Val Asp Val Arg Ala Met
 72 260 265 270
 74 Arg Arg Ala Ile Ser Arg Asn Thr Ala Met Leu Val Cys Ser Thr Pro
 75 275 280 285
 77 Gln Phe Pro His Gly Val Ile Asp Pro Val Pro Glu Val Ala Lys Leu
 78 290 295 300
 80 Ala Val Lys Tyr Lys Ile Pro Leu His Val Asp Ala Cys Leu Gly Gly
 81 305 310 315 320
 83 Phe Leu Ile Val Phe Met Glu Lys Ala Gly Tyr Pro Leu Glu His Pro
 84 325 330 335
 86 Phe Asp Phe Arg Val Lys Gly Val Thr Ser Ile Ser Ala Asp Thr His
 87 340 345 350
 89 Lys Tyr Gly Tyr Ala Pro Lys Gly Ser Ser Leu Val Leu Tyr Ser Asp
 90 355 360 365
 92 Lys Lys Tyr Arg Asn Tyr Gln Phe Phe Val Asp Thr Asp Trp Gln Gly
 93 370 375 380
 95 Gly Ile Tyr Ala Ser Pro Thr Ile Ala Gly Ser Arg Pro Gly Gly Ile
 96 385 390 395 400
 98 Ser Ala Ala Ala Trp Ala Ala Leu Met His Phe Gly Glu Asn Gly Tyr
 99 405 410 415
 101 Val Glu Ala Thr Lys Gln Ile Ile Lys Thr Ala Arg Phe Leu Lys Ser
 102 420 425 430
 104 Glu Leu Glu Asn Ile Lys Gly Ile Phe Val Phe Gly Asn Pro Gln Leu
 105 435 440 445
 107 Ser Val Ile Ala Leu Gly Ser Arg Asp Phe Asp Ile Tyr Arg Leu Ser
 108 450 455 460
 110 Asn Leu Met Thr Ala Lys Gly Trp Asn Leu Asn Gln Leu Gln Phe Pro
 111 465 470 475 480
 113 Pro Ser Ile His Phe Cys Ile Thr Leu Leu His Ala Arg Lys Arg Val
 114 485 490 495
 116 Ala Ile Gln Phe Leu Lys Asp Ile Arg Glu Ser Val Thr Gln Ile Met
 117 500 505 510
 119 Lys Asn Pro Lys Ala Lys Thr Thr Gly Met Gly Ala Ile Tyr Gly Met
 120 515 520 525
 122 Ala Gln Thr Thr Val Asp Arg Asn Met Val Ala Glu Leu Ser Ser Val
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 135 <213> ORGANISM: Artificial Sequence
 137 <220> FEATURE:
 138 <223> OTHER INFORMATION: Description of Artificial Sequence:nucleotide
 139 sequence of human SGPL1 cDNA

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240 <210> SEQ ID NO: 3

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Input Set : A:\sequence listing 237377.txt
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 285 <212> TYPE: DNA
 286 <213> ORGANISM: Artificial Sequence
 287 <220> FEATURE:
 288 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for the
 289 human SGPL1 gene

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date